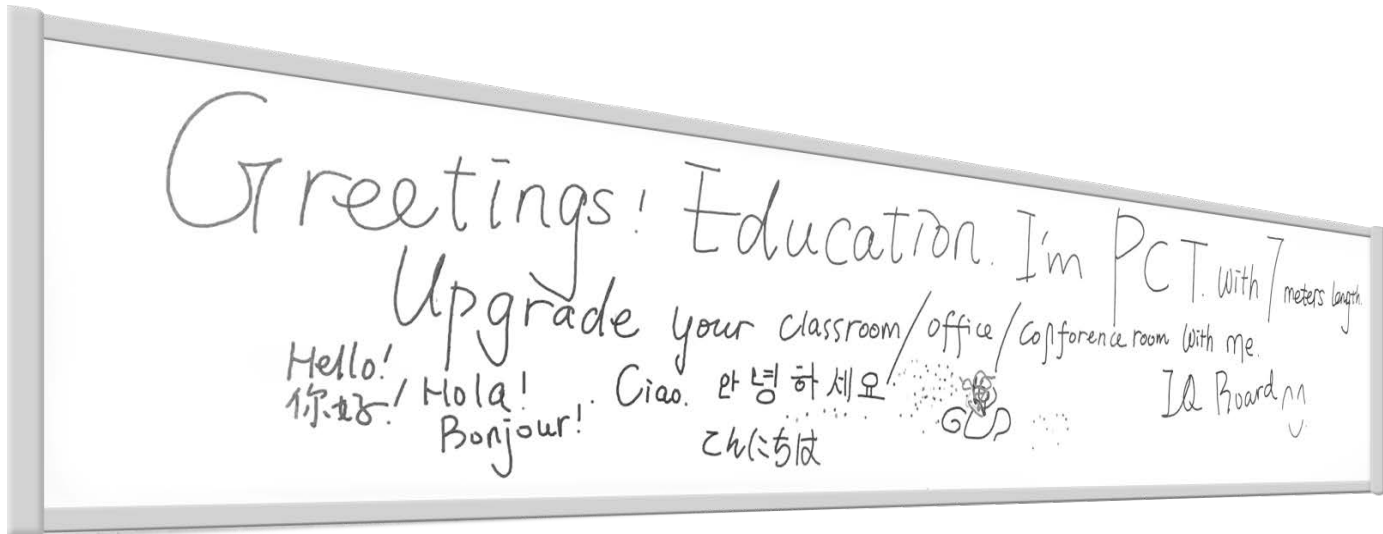# IQBoard PCT

Based on the projected capacitive technology, IQBoard PCT enables multi-touch operation. Wherever users touch on the panel will lead to the changed capacity, then the coordinator of specific touch point will be worked out. In pursuit of the high level of comfort, interaction and user-friendly experience, the IQBoard PCT screen allows users to experience and enjoy the process as well. Moreover, it is free from any wear when users touch the screen with fingers and reaches lifetime up to 30 years with its stable performance.

Product Highlights--

Up to 30-point touch on the large screen with much fun.

Fast touch response.

High precision and one-time calibration
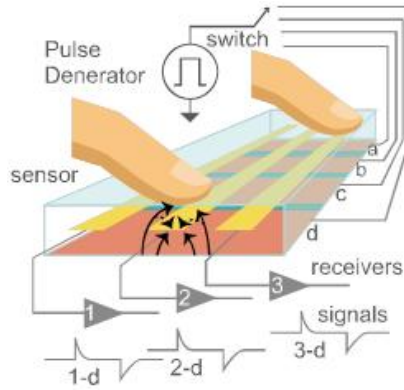
Directly write & wipe with whiteboard pens.
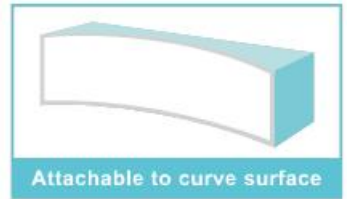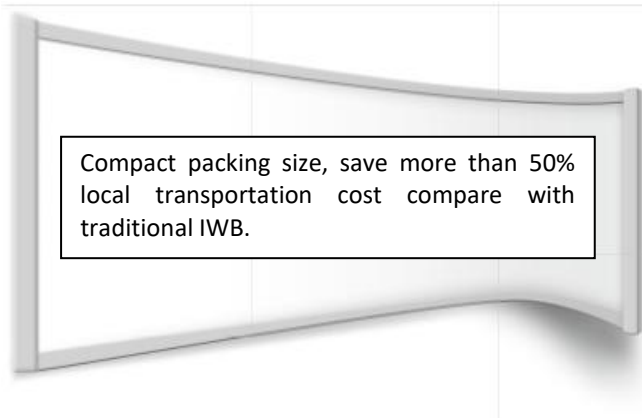
Customized sizes up to the maximum length of 14m.

Convenient for transport and less cost with inclusive roll design.

Working Principle--
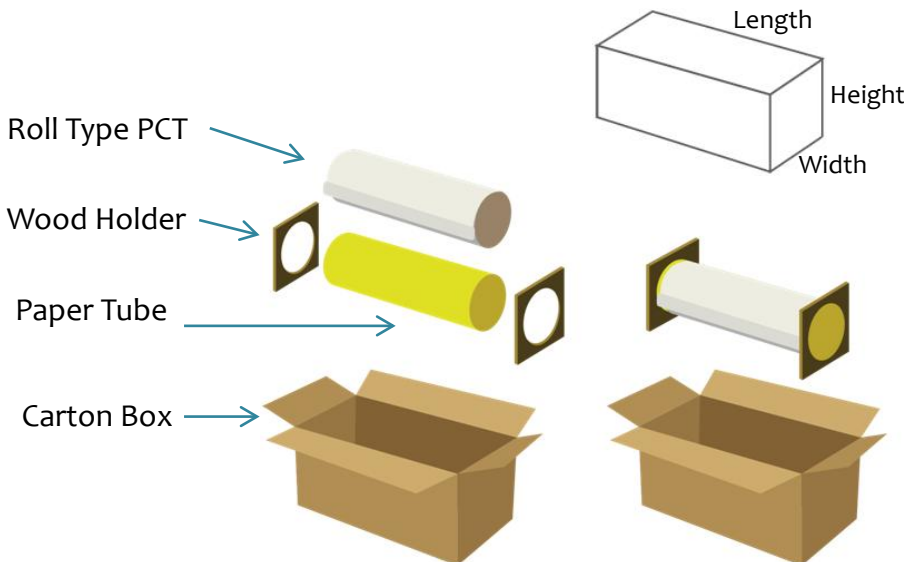
1. Finger touches the PCT.
2. Analog signal generated and sent to multiplexer.
3. A/D converter converts the signal to digital, computing by DSP and then send the coordinate to host computer.

Roll Type--

Compact packing size, save more than 50% local transportation cost compare with traditional IWB.

Easy to install & uninstall

Attachable to curve surface

Super wide curve surface

Easy for transportation

Package--

Length
Height
Width

Roll Type PCT

Wood Holder

Paper Tube

Carton Box

	101"	128"
Length(mm)	1416	
Width(mm)	556	
Height(mm)	530	
Weight(Kg)	36	40

Easy Installation for PCT--

Flexible Borders

This area could be
Magnetized by magnet
or steel paper on wall

Magnetic rubber on the back

Right cover to hide PCBA
Left cover is dummy for symmetry

Easy Use for PCT--

HDMI

USB
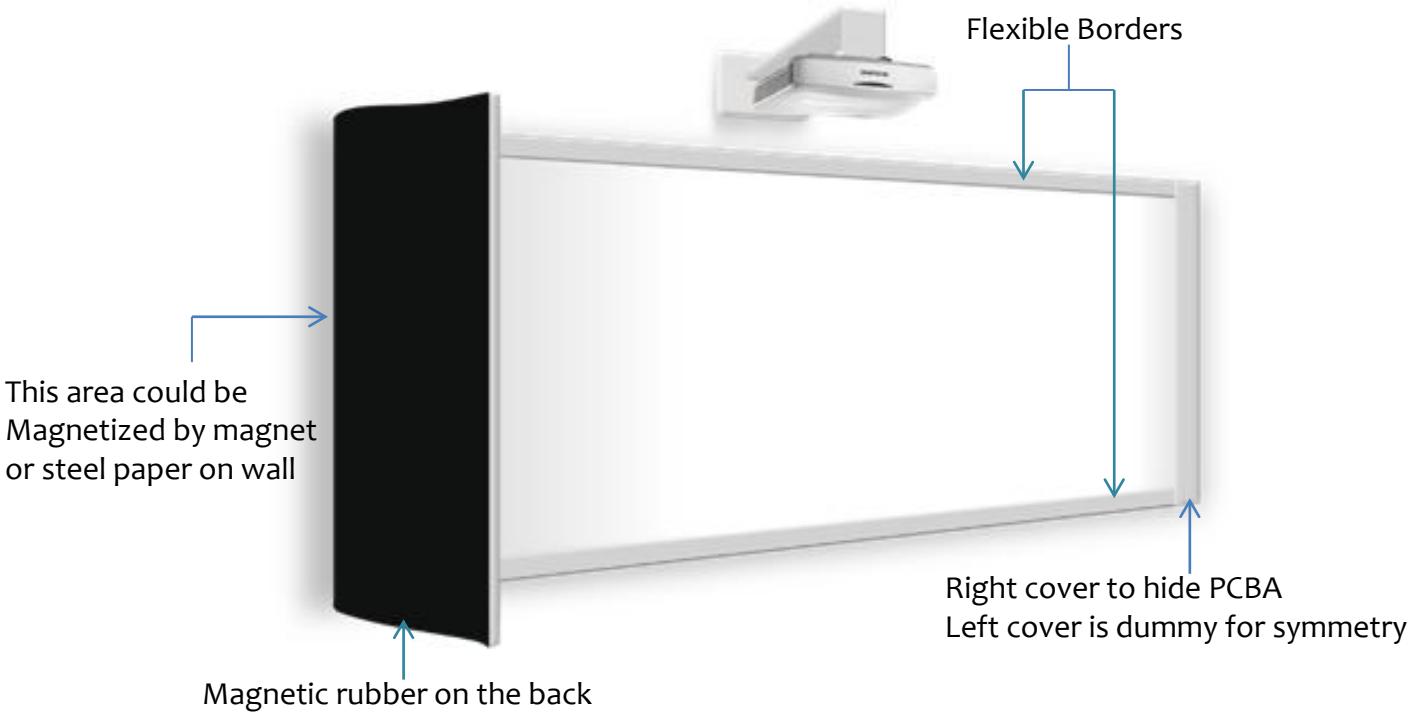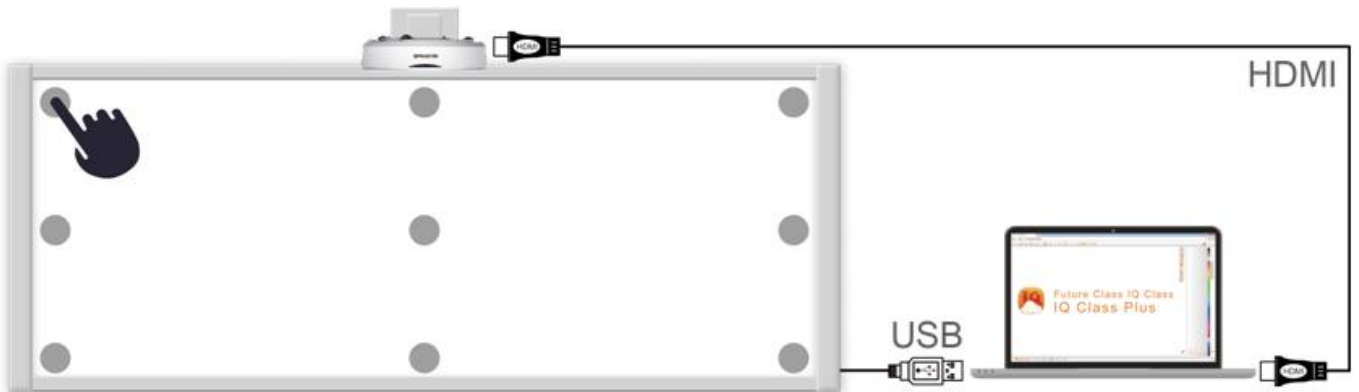
Just a USB cable to connect PCT with PC
a HDMI cable to connect PC with Projector.

Application with IQProjecor--

Application		Projector	PCT
Education	Normal Classroom	L33TZW / L34TZP	101"
	Smart Classroom / Collaboration	L30TZU	128"
Corporate	Middle-size Meeting Room	L33TZW / L34TZP	101"
	Collaboration / VC	L30TZU	128"
Signage	<R7800	L30TZU	5m - 14m

Preliminary Specs---

Computer Requirement

CPU: Intel Core TM i3 or above
Memory: 4GB+

Operation System Requirement

	Windows	**MAC OS X**	**Chromebook**	**Android**
OS Version	Win7, Win8, Win10	10.9, 10.10, 10.11	51.0.2704.103(64-bit)	(Kernel version 4.0+)
Touch Points	30 points	Single (Limited by MAC OS X)	16 points (Limited by Chrome OS)	10 points (Limited by Android OS)
Driver Required	Not Required	Required	Not Required	Not Required
Calibration Tool	Support (Microsoft.NET Framework 4.5.2 or above driver is required)	Non-Support (Please use Windows Calibration Tool.)	Non-Support (Please use Windows Calibration Tool.)	Non-Support (Please use Windows Calibration Tool.)

Specification

Model	101"	128"
Dimension (mm)	2248*1295	3054*1150
Sensor Size (mm)	2096*1174 (94")	2901*1070 (121.7")
Ratio	16:9	16:6
Weight	15kg	17kg
L/R Frame Width (mm)	74	74
T/B Frame Width (mm)	58	T-58, B-20
Thickness (Sensor film) (mm)	1.3	
Thickness(Including frame) (mm)	19.3	
Frame Color	White	
Size	Standard: 101", 128"	
	Customized: 5m, 7m, 14m	
Technology	PCT(Projected Capacitive Touch)	
Touch Points	30 points	
Calibration	4/9 points	
Report Rate	120 Hz	
Latency(ms)	≤100	
Accuracy(mm)	±2 (typ.)	
Touch Height (Z-depth) (mm)	<0.5	
Stylus Size (mm)	8-16	
Power Consumption	<2.5 W	
Dry-erase Film	Applied	
Operation Systems	Windows7+, Chrome, Linux, Android, Mac(single touch)	
Operation Temperature	0℃ ~ 40℃	
Storage Temperature	-20℃ ~ 60℃	
Humidity	20% - 90% relative humidity, non - condensing	
Curved Support	R7800	

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